

## **Morphometric studies of *Apis cerana* in Thailand and the Malaysian peninsula**

### **ABSTRACT**

Samples of *Apis cerana* were collected from 44 locations in 12 regions of Thailand and peninsular Malaysia. Morphometric measurements were made on 58 characters. Statistical analysis showed that these samples could be separated into four groups: northern to central Thailand, southern Thailand to the end of the Malaysian peninsula, Samui Island and, less distinctly, Phuket Island. These differences support the interpretation that *A. cerana* has spread its range into south-east Asia in recent geological times.

**Keyword:** *Apis cerana*; Eastern honey bee; Morphometrics; Thailand; Malaysia